

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1    | ("4814575").PN.   | USPAT; USOCR  | OR               | OFF     | 2009/07/02 16:51 |
| S2    | 0    | ("("5554335"   "6064034").PN.") .PN.  | USPAT; USOCR  | OR               | OFF     | 2009/07/02 16:51 |
| S3    | 4    | ("5554335"   "6064034").PN.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/02 16:51 |
| S4    | 2    | "US 20070141348"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                      | ADJ              | ON      | 2009/07/22 16:26 |
| S5    | 1    | 2005-703306.NRAN.   | DERWENT   | ADJ              | ON      | 2009/07/22 16:26 |
| S6    | 404  | B32B17/10.ipc.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 16:31 |
| S8    | 13   | B32B17/10.ipc. and @PY<"2006"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 16:31 |
| S9    | 23   | ("2803559"   "3244412"   "4299860"   "4732778").PN. OR ("4814575").URPN.    | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/07/22 18:01 |
| S10   | 7    | S9 and glass  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 18:01 |
| S11   | 77   | (refractory or brick or insulat\$3) with zirconia and (glass with melt).ab. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 18:03 |

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| S12 | 97  | (refractory or brick or insulat\$3 or furnace or crucible) with zirconia and (glass with melt).ab.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/22<br>18:03 |
| S13 | 78  | (refractory or brick or insulat\$3 or furnace or crucible) with zirconia and (glass with melt).ab. and @PY<"2006"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/22<br>18:03 |
| S14 | 533 | (refractory or brick or insulat\$3 or furnace or crucible) with (zirconium or zirconia) and (glass with melt) and @PY<"2006"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>11:34 |
| S15 | 198 | (refractory or brick or insulat\$3 or furnace or crucible) with (zirconium or zirconia) and (porosity or crack or pores or microcrack) and (glass with melt) and @PY<"2006"                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>11:34 |
| S16 | 13  | (refractory or brick or insulat\$3 or furnace or crucible) with (zirconium or zirconia) with (porosity or crack or pores or microcrack) and (glass with melt) and @PY<"2006"                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>11:34 |
| S17 | 28  | (refractory or brick or insulat\$3 or furnace or crucible) with (zirconium or zirconia) and (zirconium or zirconia) with (porosity or crack or pores or microcrack) and (glass with melt) and @PY<"2006" | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>11:37 |

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| S18 | 8    | (refractory or brick or insulat\$3 or furnace or crucible) with (zirconium or zirconia) and (zirconium or zirconia) with (porosity or crack or pores or microcrack) and (glass with melt) and laser | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>11:40 |
| S19 | 3    | ((("3519448") or ("4336339") or ("3519448") or ("4336339") or ("4336339")).PN.  | USPAT; USOCR  | OR  | OFF | 2009/07/23<br>11:50 |
| S20 | 1819 | (refractory or brick or insulat\$3 or furnace or crucible) with (alumina or aluminum) and temper\$3 and @PY<"2006"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>12:43 |
| S21 | 74   | (refractory or brick or insulat\$3 or furnace or crucible) with (alumina or aluminum) with (tempered or tempering or temper) and @PY<"2006"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>12:43 |
| S22 | 218  | (refractory or brick or insulat\$3 or furnace or crucible) with (alumina or aluminum) and temper\$3 with (alumina or aluminum) and @PY<"2006"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>12:46 |
| S23 | 10   | (refractory) with temper\$3 with (alumina) and @PY<"2006"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>12:49 |
| S24 | 522  | (light weight or lightweight) refractory  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/07/23<br>13:31 |

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| S25 | 452  | (light weight or lightweight)<br>refractory and<br>@PY<"2005"                   | US-PGPUB;<br>USPAT; FPHS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>13:31 |
| S26 | 14   | (light weight or lightweight)<br>refractory and<br>@PY<"2005" and<br>@PY>"2003" | US-PGPUB;<br>USPAT; FPHS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>13:31 |
| S27 | 17   | (light weight or lightweight)<br>refractory and<br>@PY<"2005" and<br>@PY>"2000" | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>13:33 |
| S28 | 10   | thermal tempering<br>with ceramic   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>16:32 |
| S29 | 11   | thermal temper\$3<br>with ceramic   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>16:32 |
| S30 | 2412 | glass with slag   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>16:56 |
| S31 | 147  | glass with slag with<br>refractory  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>16:56 |
| S32 | 119  | glass with slag with<br>refractory and<br>@PY<"2005"                            | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/07/23<br>16:56 |
| S33 | 177  | refractory with brick<br>with zirconia and<br>@PY<"2006"                        | US-PGPUB;<br>USPAT; FPHS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23<br>17:29 |

7/ 24/ 2009 12:23:14 PM

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